

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Carina ONNEBY *et al.*

Appln. No. 10/531,998

Confirmation No. 5996

Filed: December 21, 2005

Allowed: September 7, 2010

For: FIELD GRADING MATERIAL

Art Unit : 2811

Examiner: Hui H. Chin

Atty. Docket No. 43315-217070

Customer No.

26694

U.S. PATENT AND TRADEMARK OFFICE

Request for Corrected Filing Receipt

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Mail Stop: Issue Fees

Sir:

Submitted herewith is the Filing Receipt for the above-referenced application, marked up to show the correct spelling of the surnames of the fourth-named inventor ("Lars Palmovist" should be --Lars Palmqvist--) and the sixth-named inventor ("Jung Li Hong" should be --Jung-II Hong--). Copies of the Declaration and Application Data Sheet, showing the correct spellings of the surnames of the fourth and sixth inventors, are also attached.

Please issue a Corrected Filing Receipt for this application to reflect the correct spellings of the fourth and sixth named inventors' surnames.

Because the omission was the responsibility of the U.S. Patent and Trademark Office, no fee is believed to be due. The undersign authorizes the Director to charge any fee deficiency associated with this communication to Deposit Account No. 22-0261, referencing Order No. 43289-245476.

Respectfully submitted,

Dated: September 28, 2010

/Eric J. Franklin/

Eric J. Franklin, Registration No. 37,134

VENABLE LLP

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Commissioner for Patents
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 Alexandria, Virginia 22313-1450
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EJF

APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE RECD	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/531,998	12/21/2005	2811	1030	43315-217070	3	13	1

CONFIRMATION NO. 5996

26694
 VENABLE LLP
 P.O. BOX 34385
 WASHINGTON, DC 20045-9998

FILING RECEIPT



OC000000018251593

Date Mailed: 03/10/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Carina Onneby, Västerås, SWEDEN;
 Anders Gustafsson, Alingsås, SWEDEN;
 Eva Martensson, Västerås, SWEDEN;
 Lars Palmqvist, Alingsås, SWEDEN; **Lars PALMQVIST**
 Richard W Siegel, Menands, NY;
 Jung-il Hong, Troy, NY; **Jung-IL Hong**
 Linda Schadler Feist, Clifton Park, NY;

Assignment For Published Patent Application

ABB Research Ltd., Zurich, SWITZERLAND

Power of Attorney: The patent practitioners associated with Customer Number 26694.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/SE03/01615 10/20/2003

Foreign Applications

SWEDEN 0203121-9 10/22/2002

Projected Publication Date: 06/15/2006

Non-Publication Request: No



Early Publication Request: No

Title

Field grading material

Preliminary Class

257

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

10/531998

9135 US

JC13 Rec'd PCT/PTO 20 APR 2005

APPLICATION DATA SHEET

Application Information

Application Number:: National Stage of PCT/SE2003/001615
Filing Date:: April 20, 2005
Application Type:: Regular
Subject Matter:: National Stage Application
Suggested Classification:: None
Suggested Group Art Unit:: None
CD-ROM or CD-R?:: No
Number of CD Disks:: 0
Number of Copies of CDs:: None
Sequence Submission?:: No
Computer Readable Form (CFR)?:: No
Number of Copies of CFR:: None
Title:: FIELD GRADING MATERIAL
Attorney Docket Number:: 43315-217070
Request for Early Publication?:: No
Request for Non-Publication?:: No
Suggested Drawing Figure::
Total Drawing Sheets:: THREE
Small Entity?:: No
Latin Name::
Variety Denomination Name::
Petition Included?:: No
Petition Type:: None
Licensed US Govt. Agency::
Contract or Grant Numbers:: None
Secrecy Order in Parent Appl::

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship:: Swedish
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Status:: Full Capacity
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State or Province of Residence::
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State or Province of Mailing Address::
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State or Province of Mailing Address::
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Postal or Zip Code of Mailing Address:: S-722 20

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Family Name:: PALMQVIST
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Middle Name:: W.
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State or Province of Residence:: NEW YORK
Country of Residence:: United States
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City of Mailing Address:: MENANDS
State or Province of Mailing Address:: NEW YORK
Country of Mailing Address:: United States
Postal or Zip Code of Mailing Address:: 12204

Applicant Authority Type:: Inventor
Primary Citizenship:: United States
Country:: United States
Status:: Full Capacity

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Middle Name::
Family Name:: HONG
Name Suffix::
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State or Province of Residence:: NEW YORK
Country of Residence::
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City of Mailing Address:: TROY
State or Province of Mailing Address:: New York
Country of Mailing Address:: United States
Postal or Zip Code of Mailing Address:: 12204

Applicant Authority Type:: Inventor
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Country:: United States
Status:: Full Capacity
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Middle Name::
Family Name:: SCHADLER FEIST
Name Suffix::
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Country of Residence:: United States
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State or Province of Mailing Address:: New York
Country of Mailing Address:: United States
Postal or Zip Code of Mailing Address:: 12065

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 Fax Number:: **(202) 344-8300**
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Representative Information

Representative Customer Number:: **26694**

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
	Continuation of		
	Continuation of		

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
Sweden	0203121-9	October 22, 2002	Yes

Assignee Information

Assignee Name:: ABB Research Ltd.
 Street of Mailing Address:: Affolternstrasse 52
 City of Mailing Address:: Zürich
 State or Province of Mailing Address::
 Country of Mailing Address:: SWITZERLAND
 Postal or Zip Code of Mailing Address:: CH-8050

Attorney Docket: 43315-217070
913SUS/PTDECLARATION FOR UNITED STATES PATENT APPLICATION,
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled FIELD GRADING MATERIAL, the specification of which

[] is attached hereto.

[] was filed on _____ as Application No. _____.

[X] was filed under the Patent Cooperation Treaty on 20 October 2003, and given Application No. PCT/SE2003/001615, the United States of America having been designated.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a).

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) of §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed
0203121-9	Sweden	22 October 2002	Yes

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE LLP associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

U.S. PATENT AND TRADEMARK OFFICE

VENABLE LLP is located at 575 7th Street, NW, Washington, DC 20004-1601, Telephone: (202) 344-4000,

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Decl.

Telefax: (202) 344-8300. Address all correspondence to VENABLE LLP, Post Office Box 34385, Washington, D.C. 20043-9998.

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00 Signature: Carin Önnby Date: April 2002 2005
First/Joint Inventor: Carina ÖNNEBY S E X
Citizenship: Sweden
Residence and Post Office Address: Lavegatan 32, S-724 82 VÄSTERÅS, Sweden

2-00 Signature: _____ Date: _____
First/Joint Inventor: Anders GUSTAFSSON
Citizenship: Sweden
Residence and Post Office Address: Torsgatan 19, S-441 51 Alingsås, Sweden S E X

3-00 Signature: _____ Date: _____
First/Joint Inventor: Eva MÄRTENSSON
Citizenship: Sweden
Residence and Post Office Address: Engvallsgatan 8, S-722 20 Västerås, Sweden S E X

4-00 Signature: _____ Date: _____
First/Joint Inventor: Lars PALMOVIST
Citizenship: Sweden
Residence and Post Office Address: Buregatan 32, S-441 51 Alingsås, Sweden S E X

5-00 Signature: _____ Date: _____
First/Joint Inventor: Richard W. SIEGEL
Citizenship: United States of America
Residence and Post Office Address: 7 Myton Lane, MENANDS, NEW YORK 12204 N Y

6-00 Signature: _____ Date: _____
First/Joint Inventor: Jung-Ji HONG
Citizenship: United States of America
Residence and Post Office Address: 285 Sunset Ter., A31, Troy, NY 12204 N Y

7-00 Signature: _____ Date: _____
First/Joint Inventor: Linda SCHADLER FEIST
Citizenship: United States of America
Residence and Post Office Address: 11 Wintergreen Court, Clifton Park, NY 12065 N Y

Attorney Docket: 43315-217070
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[] is attached hereto.
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Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed
0203121-9	Sweden	22 October 2002	Yes

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U.S. Provisional Application Number	Filing Date

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U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE LLP associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

U.S. PATENT AND TRADEMARK OFFICE

VENABLE LLP is located at 575 7th Street, NW, Washington, DC 20004-1601, Telephone: (202) 344-4000.

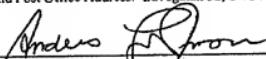
9136US
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Telefax: (202) 344-8300. Address all correspondence to VENABLE LLP, Post Office Box 34385, Washington, D.C. 20043-9998.

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: _____ Date: _____
First/Joint Inventor: Carina ÖNNEBY
Citizenship: Sweden
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2-00 Signature:  Date: April 28 2005
First/Joint Inventor: Anders GUSTAFSSON
Citizenship: Sweden
Residence and Post Office Address: Torsgatan 19, S-441 51 Alingsås, Sweden SEX

Signature: _____ Date: _____
First/Joint Inventor: Eva MÄRTENSSON
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Residence and Post Office Address: Engvallsgatan 8, S-722 20 Västerås, Sweden

Signature: _____ Date: _____
First/Joint Inventor: Lars PALMQVIST
Citizenship: Sweden
Residence and Post Office Address: Buregatan 32, S-441 51 Alingsås, Sweden

Signature: _____ Date: _____
First/Joint Inventor: Richard W. SIEGEL
Citizenship: United States of America
Residence and Post Office Address: 7 Myton Lane, MENANDS, NEW YORK 12204

Signature: _____ Date: _____
First/Joint Inventor: Jung-II HONG
Citizenship: United States of America
Residence and Post Office Address: 285 Sunset Ter., A31, Troy, NY 12204

Signature: _____ Date: _____
First/Joint Inventor: Linda SCHADLER FEIST
Citizenship: United States of America
Residence and Post Office Address: 11 Winergreen Court, Clifton Park, NY 12065

Attorney Docket: 43315-217070
9135US/PTDECLARATION FOR UNITED STATES PATENT APPLICATION,
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

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U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE LLP associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

U.S. PATENT AND TRADEMARK OFFICE

VENABLE LLP is located at 575 7th Street, NW, Washington, DC 20004-1601, Telephone: (202) 344-4000.

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The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: _____ Date: _____
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Signature: _____ Date: _____
First/Joint Inventor: Anders GUSTAFSSON
Citizenship: Sweden
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3-10
Signature: J. Mart Date: 2005-04-20
First/Joint Inventor: Eva MÄRTENSSON
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Signature: _____ Date: _____
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First/Joint Inventor: Richard W. SIEGEL
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Signature: _____ Date: _____
First/Joint Inventor: Jung-II HONG
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Residence and Post Office Address: 285 Sunset Ter., A31, Troy, NY 12204

Signature: _____ Date: _____
First/Joint Inventor: Linda SCHADLER FEIST
Citizenship: United States of America
Residence and Post Office Address: 11 Wintergreen Court, Clifton Park, NY 12065

Attorney Docket: 43315-217070
9135US/PCTDECLARATION FOR UNITED STATES PATENT APPLICATION,
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled FIELD GRADING MATERIAL, the specification of which

[] is attached hereto.
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 [X] was filed under the Patent Cooperation Treaty on 20 October 2003, and given Application No. PCT/SE2003/001615, the United States of America having been designated.

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Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed
0203121-9	Sweden	22 October 2002	Yes

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

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I hereby appoint the registered attorneys and agents of VENABLE LLP associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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U.S. PATENT AND TRADEMARK OFFICE

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9135US
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Telefax: (202) 344-8300. Address all correspondence to VENABLE LLP, Post Office Box 34385, Washington, D.C. 20043-9998.

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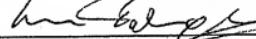
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Citizenship: Sweden
Residence and Post Office Address: Engvallsgatan 8, S-722 20 Västerås, Sweden

4-W

Signature:  Date: 19/4 2005
First/Joint Inventor: Lars PALMQVIST
Citizenship: Sweden
Residence and Post Office Address: Buregatan 32, S-441 51 Alingsås, Sweden SE X

Signature: _____ Date: _____
First/Joint Inventor: Richard W. SIEGEL
Citizenship: United States of America
Residence and Post Office Address: 7 Myton Lane, MENANDS, NEW YORK 12204

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First/Joint Inventor: Jung-II HONG
Citizenship: United States of America
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Rec'd PCT/PTO 21 DEC 2005

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Citizenship: Sweden

Residence and Post Office Address: Buregatan 32, S-441 51 Alingsås, Sweden

5-0

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First/Joint Inventor: Richard W. SIEGEL

Citizenship: United States of America

Residence and Post Office Address: 7 Myton Lane, MENANDS, NEW YORK 12204

NY

Signature: _____ Date: _____

First/Joint Inventor: Jung-II HONG

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(6 - 00) Signature: Jung-Ji HONG Date: 6/13/05
First/Joint Inventor: Jung-Ji HONG
Citizenship: United States of America
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7-00 *Linda Schadler Feist* Signature: Linda Schadler Feist Date: 5/9/05

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